

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number  
**WO 2004/044578 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/20**,  
F27D 3/15, C22B 1/00

(21) International Application Number:  
PCT/ZA2003/000132

(22) International Filing Date:  
12 September 2003 (12.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02/9262 14 November 2002 (14.11.2002) ZA

(71) Applicant (*for all designated States except US*): **INNOVATIVE MET PRODUCTS (PTY) LIMITED [ZA/ZA]**;  
Corner Commissioner & Christopher Streets, Boksburg  
East Industrial Township, 1459 Boksburg (ZA).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **HOHENSTEIN, Boyne, Friedrich [ZA/ZA]**; Corner Commissioner & Christopher Streets, Boksburg East Industrial Township, 1459 Boksburg (ZA).

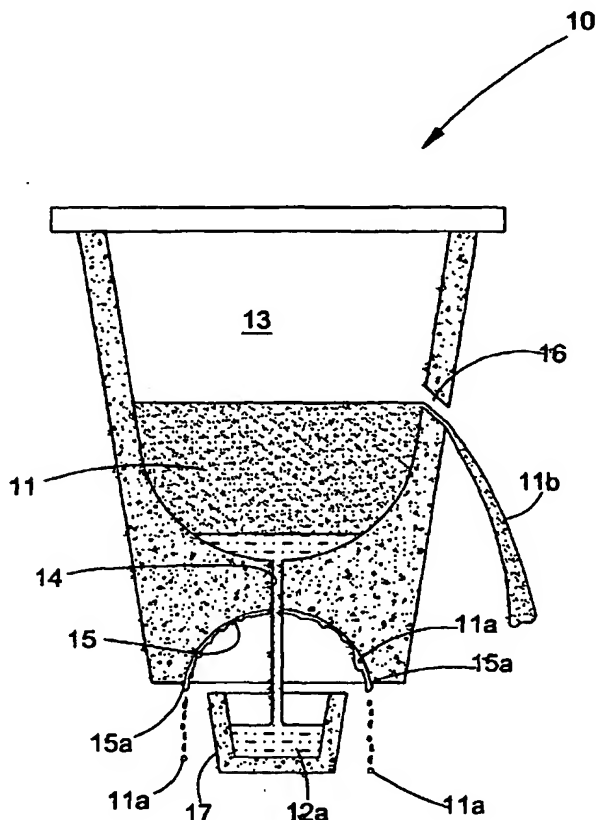
(74) Agent: **LE ROUX, Marius**; D.M. Kisch, P.O. Box 781218, 2146 Sandton (ZA).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: SEPARATING VESSEL



(57) **Abstract:** The invention provides a separating vessel (10) suitable for use in the treatment of a mineral sample wherein a molten slag (11) is separated from a molten collector material (12) comprising a container defining an interior cavity (13) for receiving the molten materials (11,12), an outlet aperture (14) leading from the interior cavity to the exterior of the container, and a separating surface (15) associated with the outlet aperture (14) which is shaped to cause droplets of flux (11a) to be carried along such surface, while droplets of collector material (12a) drip off such surface by the force of gravity.

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